

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12790	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/09/14 13:52
L2	1607	L1 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:52
L3	82	L2 and collimat\$ and (mems or meoms or moems or moms)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:52
L4	12790	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/09/14 13:53
L5	1607	L4 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:53
L6	82	L2 and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:53
L7	82	L2 and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:53
L8	190	L1 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (optic\$4 near3 (fiber or waveguide)) and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:53
L9	249	L5 and (multilayer\$3 or multi?layer\$3 or (multi near3 layer\$3) or (multiple near3 layer\$3) or (alternat\$ near3 layer\$3) or (plural\$5 near3 layer\$3)) and collimat\$	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:53
L10	296	L5 and ((curv\$4 or arc\$4) with (mirror or reflect\$))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:54

## EAST Search History

L11	12790	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/09/14 13:54
L12	1313	L11 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and ((fiber or waveguide) with (end or face) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:54
L13	625	L5 and ((curv\$4 or lens\$3 or arc\$4) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:54
L14	232	L12 and (collimat\$ or grin) and tun\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:54
L15	318	L4 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and ((optic\$4 near3 (fiber\$2 or waveguid\$3)) same collimat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:55
L16	56	L4 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and (fiber\$2 with collimat\$) and (mems or mem or moems or meoms or moms or microelectromechanic\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/14 13:55
L17	8	("20020118429"   "20020167730"   "20030169786"   "20050094964"   "20050105849"   "4421381"   "6341039"   "6351577").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/14 14:13
S1	9	((("5509093") or ("5422970") or ("5289552") or ("5375181") or ("5212745"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/03/03 16:23
S2	10326	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/03/03 18:02
S3	1169	S2 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/03 18:05
S4	199	S3 and (multilayer\$3 or multi?layer\$3 or (multi near3 layer\$3) or (multiple near3 layer\$3) or (alternat\$ near3 layer\$3) or (plural\$5 near3 layer\$3)) and collimat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 10:01

## EAST Search History

S5	479	S3 and ((curv\$4 or lens\$3 or arc\$4) with (mirror or reflect\$))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/03 19:16
S6	224	S3 and ((curv\$4 or arc\$4) with (mirror or reflect\$))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 14:39
S7	10326	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)),CCLS.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/03/04 10:01
S8	1169	S7 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 10:15
S9	54	S8 and collimat\$ and (mems or meoms or moems or moms)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 10:02
S10	54	S8 and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 10:02
S11	120	S7 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (optic\$4 near3 (fiber or waveguide)) and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 10:46
S12	75	lavarias	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 10:37
S13	229	S7 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (fiber or waveguide) and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 10:47
S14	229	S7 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (fiber or waveguide) and (mems or mem or meoms or meom or moems or meom or moms or mom)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:07

## EAST Search History

S15	2	("5,022,745").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/03/04 10:55
S16	11	("4825262"   "4859060"   "5022745"   "5291502"   "5430574"   "5561523"   "5589689"   "5739945"   "5835216"   "5949571"   "6078395").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/04 11:17
S17	10326	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/03/04 12:03
S18	1006	S17 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and ((fiber or waveguide) with (end or face) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 14:38
S19	185	S18 and (collimat\$ or grin) and tun\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 12:04
S20	892	(fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (collimat\$ or grin) and tun\$7 and (mems or mem or meoms or meom or moems or moem or moms or mom)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 15:58
S21	212	S20 and ((curv\$4 or arc\$4) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 15:59
S22	1151	(fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (tun\$7 with (electrostat\$ or thermal\$ or heat\$3 or voltage)) and (mems or mem or meoms or meom or moems or moem or moms or mom)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 15:59
S23	132	S22 and ((curv\$4 or arc\$4 or bow\$3) near6 (mirror or reflect\$ or film or layer)) and (aperture or pinhole or pin?hole or (pin near4 hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 16:01
S24	80	S22 and ((mirror\$3 or silver\$3 or reflect\$ or deflect\$) with (surface or tip or end or face) with (fiber or waveguide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 17:15
S25	54	S22 and ((gaas and alas) or (sio2 and tio2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 17:16

# EAST Search History

S26	11	S22 and (sio2 and tio2)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 17:16
S27	109	(US-20020012172-\$ or US-20020080465-\$ or US-20020118459-\$ or US-20020131670-\$ or US-20020149850-\$ or US-20020150377-\$ or US-20020167730-\$ or US-20020191269-\$ or US-20020196548-\$ or US-20030011864-\$ or US-20030072523-\$ or US-20030179993-\$ or US-20040027671-\$ or US-20040067014-\$ or US-20040114246-\$ or US-20040161193-\$ or US-20040218865-\$ or US-20040228575-\$ or US-20040247244-\$ or US-20050007666-\$ or US-20050008045-\$ or US-20050013000-\$ or US-20030179994-\$ or US-20020126955-\$ or US-20020106149-\$ or US-20010046349-\$).did. or (US-20040165641-\$ or US-20020176659-\$ or US-20020126726-\$ or US-20010055119-\$ or US-20040076198-\$ or US-20030072009-\$ or US-20030031221-\$ or US-20030012231-\$ or US-20020048301-\$ or US-20020031155-\$ or US-20040196874-\$ or US-20040190584-\$ or US-20030002545-\$ or US-20020101898-\$).did. or (US-3838358-\$ or US-4768849-\$ or US-4825262-\$ or US-4859060-\$ or US-4892388-\$ or US-4923273-\$ or US-4934784-\$ or US-5022745-\$ or US-5050954-\$ or US-5212745-\$ or US-5289552-\$ or US-5345519-\$ or US-5375181-\$ or US-5422970-\$ or US-5430574-\$ or US-5509093-\$ or US-5561523-\$ or US-5684632-\$ or US-5739945-\$ or US-5889798-\$ or US-5943155-\$ or US-5943454-\$ or US-6215592-\$ or US-6263128-\$ or US-6275324-\$ or US-6292299-\$).did. or (US-6341039-\$ or US-6373632-\$ or US-6384978-\$ or US-6419405-\$ or US-6424466-\$ or US-6449410-\$ or US-6459844-\$ or US-6490074-\$ or US-6525880-\$ or US-6529328-\$ or US-6590710-\$ or US-6594059-\$ or US-6611642-\$ or US-6621614-\$ or US-6654517-\$ or US-6721098-\$ or US-6721100-\$ or US-6744805-\$ or US-6747775-\$ or US-6748140-\$ or US-6782153-\$ or US-6785033-\$ or US-6791736-\$ or US-6813420-\$ or US-6829053-\$ or US-6834137-\$ or US-6836366-\$).did. or (US-6535668-\$ or US-6438288-\$ or US-6400867-\$ or US-6374012-\$ or US-6285504-\$ or US-6040944-\$ or US-6023542-\$ or US-5699377-\$ or US-5425115-\$ or US-5251275-\$ or US-6768756-\$ or US-6600846-\$ or US-6645784-\$ or US-6438149-\$ or US-6717964-\$ or US-6445838-\$).did.	US-PGPUB; USPAT	OR	ON	2005/03/04 18:14
S28	54	S27 and (antireflect\$ or anti?reflect\$ or (anti near3 reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 18:15
S29	6	S27 and ((antireflect\$ or anti?reflect\$ or (anti near3 reflect\$)) with collimat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 18:15
S30	8	S27 and ((antireflect\$ or anti?reflect\$ or (anti near3 reflect\$)) with (collimat\$ or grin))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 18:25
S31	38	S27 and (tun\$4 with (heat\$4 or thermal\$ or temperat\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 19:00

## EAST Search History

S32	26	S31 and (aperture or opening or hole)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 18:26
S33	602	flanders.in.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 18:41
S34	9	S27 and S33	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 18:41
S35	49	S27 and (tun\$4 with (electrostat\$ or electro?stat\$ or voltage))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/04 19:07
S36	10790	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/19 18:06
S37	1256	S36 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:06
S38	210	S37 and (multilayer\$3 or multi?layer\$3 or (multi near3 layer\$3) or (multiple near3 layer\$3) or (alternat\$ near3 layer\$3) or (plural\$5 near3 layer\$3)) and collimat\$	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:06
S39	509	S37 and ((curv\$4 or lens\$3 or arc\$4) with (mirror or reflect\$))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:06
S40	238	S37 and ((curv\$4 or arc\$4) with (mirror or reflect\$))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:06
S41	10790	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/19 18:06

## EAST Search History

S42	1256	S41 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:06
S43	61	S42 and collimat\$ and (mems or meoms or moems or moms)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:06
S44	61	S42 and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:06
S45	130	S41 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (optic\$4 near3 (fiber or waveguide)) and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:07
S46	262	S41 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (fiber or waveguide) and (mems or mem or meoms or meom or moems or meom or moms or mom)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:07
S47	10790	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL5.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/19 18:07
S48	1056	S47 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and ((fiber or waveguide) with (end or face) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:56
S49	193	S48 and (collimat\$ or grin) and tun\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/19 18:07
S50	73	(fabry?perot or (fabry near3 perot) or resona\$ or cavit\$ or etalon or filter\$3) and ((fiber or waveguide) with (end or face) with (mirror\$3 or reflect\$)) and (aperture or hole) and ((multilayer\$3 or multi?layer\$3 or (multi\$3 near3 layer\$3) or (multipl\$3 near3 layer\$3)) with (curv\$4 or lens\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/22 09:58
S51	1	("6438150").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/19 19:08
S52	653	(fabry?perot or (fabry near3 perot) or resona\$ or cavit\$ or etalon or filter\$3) and ((fiber or waveguide) with (end or face or tip) with ((mirror\$3 or reflect\$) near6 (film or layer or coat\$4))) and collimat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/22 14:47

## EAST Search History

S54	22	S52 and tun\$7 and (mems or moems or meoms or moms)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/22 10:09
S55	22	S52 and tun\$7 and (mems or moems or meoms or moms or (micro\$3 with electro\$3 with mechanic\$ with system\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/22 10:11
S56	264	(tun\$4 with (fabry?perot or (fabry near3 perot) or resona\$ or cavit\$ or etalon or filter\$3)) and ((fiber or waveguide) with (end or face or tip) with ((mirror\$3 or reflect\$) near6 (film or layer or coat\$4))) and (heat\$4 or temperat\$ or thermal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/22 14:57
S57	16	(tun\$4 with (fabry?perot or (fabry near3 perot) or resona\$ or cavit\$ or etalon or filter\$3)) and ((fiber or waveguide) with (end or face or tip) with ((mirror\$3 or reflect\$) near6 (film or layer or coat\$4))) and (electrostat\$ or electro?stat\$ or (electro near3 static\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/22 14:51
S58	11493	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/01 11:28
S59	1379	S58 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 11:28
S60	69	S59 and collimat\$ and (mems or meoms or moems or moms)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 11:28
S61	69	S59 and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 11:28
S62	11493	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/01 11:28
S63	1379	S62 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 14:00



# EAST Search History

S64	225	S63 and (multilayer\$3 or multi?layer\$3 or (multi near3 layer\$3) or (multiple near3 layer\$3) or (alternat\$ near3 layer\$3) or (plural\$5 near3 layer\$3)) and collimat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 11:28
S65	253	S63 and ((curv\$4 or arc\$4) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 11:28
S66	155	S58 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (optic\$4 near3 (fiber or waveguide)) and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 11:28
S67	545	S63 and ((curv\$4 or lens\$3 or arc\$4) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 11:28
S68	11493	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/01 11:29
S69	1139	S68 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and ((fiber or waveguide) with (end or face) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 11:29
S70	208	S69 and (collimat\$ or grin) and tun\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 11:29
S71	281	S62 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and ((optic\$4 near3 (fiber\$2 or waveguid\$3)) same collimat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 16:09
S72	10	("4076422"   "4213677"   "4285570"   "4304460"   "4550975"   "4553816"   "5283845"   "5287214"   "5481402"   "5539577").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 16:03
S73	48	S62 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and (fiber\$2 with collimat\$) and (mems or mem or moems or meoms or moms or microelectromechanic\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 16:26
S74	150	(fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and (fiber\$2 with collimat\$) and ((mems or mem or moems or meoms or moms or microelectromechanic\$) with (reflect\$ or mirror\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 16:26

## EAST Search History

S75	202	(fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and (fiber\$2 with collimat\$) and ((mems or mem or moems or meoms or moms or microelectromechanic\$) with (reflect\$ or mirror\$2 or filter\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 19:11
S76	13494	polari\$ and (retard\$ or waveplate or ((wave or wavelength or phase) near3 plate)) and (optic\$4 near3 ax?s)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 17:23
S77	321	(retard\$ or waveplate or ((wave or wavelength or phase or retard\$) near3 plate)) and (lyot or solc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 17:56
S78	477	(fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and collimat\$ and ((mems or mem or moems or meoms or moms or microelectromechanic\$ or micro?electromechanic\$ or micro?electro?mechanic\$) with (reflect\$ or mirror\$2 or filter\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 19:12
S79	218	(fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and (fiber with (grin or collimat\$)) and ((mems or mem or moems or meoms or moms or microelectromechanic\$ or micro?electromechanic\$ or micro?electro?mechanic\$) with (reflect\$ or mirror\$2 or filter\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 19:12
S80	12080	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/28 13:05
S81	1492	S80 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:05
S82	77	S81 and collimat\$ and (mems or meoms or moems or moms)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:05
S83	12080	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/28 13:05
S84	1492	S83 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 filter\$3)) and (optic\$4 near3 (fiber or waveguide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:05

## EAST Search History

S85	77	S81 and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:05
S86	172	S80 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and (optic\$4 near3 (fiber or waveguide)) and collimat\$ and (mems or mem or meoms or meom or moems or moems or moms or mom)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:05
S87	240	S84 and (multilayer\$3 or multi?layer\$3 or (multi near3 layer\$3) or (multiple near3 layer\$3) or (alternat\$ near3 layer\$3) or (plural\$5 near3 layer\$3)) and collimat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:05
S88	272	S84 and ((curv\$4 or arc\$4) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:05
S89	12080	((359/577) or (359/578) or (359/580) or (359/582) or (359/584) or (359/585) or (359/586) or (359/588) or (359/589) or (359/590) or (359/641) or (359/247) or (359/260) or (359/261) or (372/99) or (385/31) or (385/33) or (385/39) or (385/40) or (385/50)).CCL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/28 13:06
S90	1218	S89 and (fabry?perot or (fabry near3 perot) or resonan\$ or cavit\$ or etalon or filter\$3) and ((fiber or waveguide) with (end or face) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:06
S91	581	S84 and ((curv\$4 or lens\$3 or arc\$4) with (mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:36
S92	220	S90 and (collimat\$ or grin) and tun\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:06
S93	298	S83 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and ((optic\$4 near3 (fiber\$2 or waveguid\$3)) same collimat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:06
S94	51	S83 and (fabry?perot or (fabry near3 perot) or (resonan\$ near3 cavit\$) or etalon or (tun\$4 near4 (filter\$4 or etalon or cavit\$))) and (fiber\$2 with collimat\$) and (mems or mem or moems or meoms or moms or microelectromechanic\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 13:06

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S95	2	("5430574").PN.	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/28 13:36
S96	891	(fiber near4 optic\$4) with collimat\$ with angl\$3	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 14:52
S97	3	("5082343"   "5134621"   "5315431").PN.	US-P6PUB; USPAT; USOCR	OR	ON	2006/11/28 14:50
S98	626	(fiber near3 collimat\$) with angl\$3	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/28 14:52
S99	7	("4290667"   "4378144"   "4420219"   "4641915"   "4818052"   "4896935"   "4961622").PN.	US-P6PUB; USPAT; USOCR	OR	ON	2006/11/28 15:05